

**10/537942**

**JC20 Rec'd PCT/PTO 09 JUN 2005**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**ATTORNEY DOCKET NO. 047182-0139**

Applicant: Seamus CURRAN et al.

Title: NANOTUBE BASED NON-LINEAR OPTICS AND METHODS  
OF MAKING SAME

Appl. No.: Unassigned

Filing Date: 06/09/2005

Examiner: Unassigned

Art Unit: Unassigned

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the present Application, Applicant respectfully requests that the application be amended as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 7 of this document.

Please amend the application as follows: